

116TH CONGRESS  
2D SESSION

# H. R. 5604

To amend the Workforce Innovation and Opportunity Act to establish demonstration and pilot projects to facilitate education and training programs in the field of advanced manufacturing.

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## IN THE HOUSE OF REPRESENTATIVES

JANUARY 14, 2020

Mrs. TORRES of California (for herself and Mr. DAVID P. ROE of Tennessee) introduced the following bill; which was referred to the Committee on Education and Labor

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## A BILL

To amend the Workforce Innovation and Opportunity Act to establish demonstration and pilot projects to facilitate education and training programs in the field of advanced manufacturing.

1 *Be it enacted by the Senate and House of Representa-*  
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Advanced Manufac-  
5 turing Jobs in America Act”.

1 **SEC. 2. DEMONSTRATION AND PILOT PROJECTS TO SUP-**  
2 **PORT ADVANCED MANUFACTURING WORK-**  
3 **FORCE DEVELOPMENT.**

4 Section 169 of the Workforce Innovation and Oppor-  
5 tunity Act (29 U.S.C. 3224) is amended—

6 (1) by adding at the end the following:

7 “(d) **ADVANCED MANUFACTURING WORKFORCE DE-**  
8 **VELOPMENT PROGRAM.**—

9 “(1) **IN GENERAL.**—Under a plan published  
10 under subsection (b), the Secretary shall, through  
11 grants or contracts, carry out demonstration and  
12 pilot projects for the purpose of facilitating edu-  
13 cation and training programs in the field of ad-  
14 vanced manufacturing, which projects shall—

15 “(A) target skills and competency develop-  
16 ment in communities with expected growth in  
17 advanced manufacturing;

18 “(B) provide education and training, for  
19 available jobs or job openings that are antici-  
20 pated in advanced manufacturing, which result  
21 in a covered skill set and corresponding covered  
22 credential;

23 “(C) educate individuals about opportuni-  
24 ties for career advancement within advanced  
25 manufacturing; and

1           “(D) be carried out in a way that gives  
2 priority to incumbent workers, dislocated work-  
3 ers, and unemployed individuals.

4           “(2) ELIGIBLE ENTITIES.—

5           “(A) IN GENERAL.—To be eligible to re-  
6 ceive a grant or contract under this subsection  
7 for a project under paragraph (1), an entity  
8 shall be one of the following entities in any of  
9 the several States or territories, in partnership  
10 with a manufacturer who employs individuals  
11 with advanced manufacturing skills (or a con-  
12 sortium of such partnerships):

13           “(i) A technical college that offers a  
14 2-year degree or program of study or an  
15 individual community college, such as a  
16 public or nonprofit community college, or a  
17 community college that is a tribally con-  
18 trolled college or university (as defined in  
19 section 2(a) of the Tribally Controlled Col-  
20 leges and Universities Assistance Act of  
21 1978 (25 U.S.C. 1801(a))).

22           “(ii) A community college district sys-  
23 tem.

24           “(iii) A State community college sys-  
25 tem.

1           “(iv) A local board, in partnership  
2           with one or more one-stop centers, that  
3           specifies one or more community colleges  
4           where education and training activities will  
5           occur.

6           “(v) A manufacturing extension cen-  
7           ter established under section 25(b) of the  
8           National Institute of Standards and Tech-  
9           nology Act (15 U.S.C. 278k).

10          “(vi) A local educational agency.

11          “(vii) Another entity, such as a pub-  
12          lic-private partnership, or the collection of  
13          entities and individuals carrying out an ad-  
14          vanced manufacturing forum, that would  
15          serve educationally underserved commu-  
16          nities.

17          “(B) PRIORITY.—The Secretary shall give  
18          priority to any consortium of the partnerships  
19          described in subparagraph (A) that leverages  
20          substantial non-Federal funding for the project  
21          involved.

22          “(3) APPLICATION.—To be eligible to receive a  
23          grant or contract under this subsection, an entity  
24          shall submit an application at such time and in such

1 form and manner as the Secretary shall determine,  
2 including the following:

3 “(A) A description of the eligible entity,  
4 evidence of the eligible entity’s capacity to carry  
5 out activities in support of the strategic objec-  
6 tives described in the subparagraphs of para-  
7 graph (1), and a description of the expected  
8 participation and responsibilities of the eligible  
9 entity, or each partnership in the eligible entity  
10 in the case of a consortium.

11 “(B) A description of education and train-  
12 ing activities to be provided that will—

13 “(i) develop skills and competencies  
14 demanded by advanced manufacturing  
15 businesses;

16 “(ii) lead to a covered skill set and a  
17 corresponding covered credential; and

18 “(iii) educate individuals about oppor-  
19 tunities for career advancement and wage  
20 growth within advanced manufacturing.

21 “(C) A description of how the economy  
22 where the entity is located would benefit, in-  
23 cluding—

1           “(i) evidence of the growth of ad-  
2           vanced manufacturing in the State or lo-  
3           cality involved;

4           “(ii) information on the potential for  
5           additional job growth with investments in  
6           advanced manufacturing; and

7           “(iii) information on how the activities  
8           will expose incumbent or dislocated work-  
9           ers, or unemployed individuals, to new ad-  
10          vanced manufacturing technology skill sets.

11          “(D) A description of how the eligible enti-  
12          ty will employ evidence-based training models  
13          that integrate academic instruction with train-  
14          ing, including on-the-job training in advanced  
15          manufacturing, to meet performance goals de-  
16          scribed in paragraph (5).

17          “(E) A description of how the eligible enti-  
18          ty will coordinate activities with State boards or  
19          local boards, and State or local economic devel-  
20          opment officials.

21          “(F) In the case of education and training  
22          activities that lead to a covered credential, a de-  
23          scription of those activities leading to that cre-  
24          dential.

1           “(4) ACTIVITIES.—Activities to be carried out  
2 under a project funded under paragraph (1) may in-  
3 clude—

4           “(A) classroom and onsite experiential  
5 learning;

6           “(B) on-the-job training;

7           “(C) training which fits into an industry-  
8 recognized competency model for advanced  
9 manufacturing;

10          “(D) development and implementation of  
11 registered apprenticeship and pre-apprentice-  
12 ship programs;

13          “(E) coordination with local boards in  
14 order to implement and utilize existing (as of  
15 the first date of such coordination) articulation  
16 agreements with universities and other edu-  
17 cational partners;

18          “(F) distance learning; and

19          “(G) any other activity the Secretary con-  
20 siders appropriate for providing education or  
21 training in advanced manufacturing.

22          “(5) PERFORMANCE GOALS AND MEASURES.—

23          “(A) GOALS.—The performance goals for  
24 the activities provided through a project under  
25 this subsection shall be to—

1           “(i) enhance the skill sets of incum-  
2           bent and dislocated workers, and unem-  
3           ployed individuals, who live in communities  
4           with expected growth in advanced manu-  
5           facturing and enable such workers to ob-  
6           tain a covered skill set and a corresponding  
7           covered credential;

8           “(ii) develop competencies of individ-  
9           uals with limited experience in advanced  
10          manufacturing;

11          “(iii) strengthen community college  
12          partnerships with manufacturing extension  
13          centers described in paragraph (2)(A)(v)  
14          and advanced manufacturing businesses in  
15          an effort to meet the needs of the busi-  
16          nesses for adaptability in training of in-  
17          cumbent and dislocated workers, and un-  
18          employed individuals;

19          “(iv) more fully utilize the capabilities  
20          of such manufacturing extension centers  
21          within the State involved;

22          “(v) strengthen partnerships of ad-  
23          vanced manufacturing businesses with local  
24          boards and, if applicable, local educational  
25          agencies; and



1           “(vi) help incumbent and dislocated  
2           workers, and unemployed individuals, de-  
3           velop skills which lead to greater earnings.

4           “(B) MEASURES.—The Secretary shall ne-  
5           gotiate and reach agreement with each eligible  
6           entity that receives a grant or contract under  
7           this subsection, on performance measures that  
8           will be used to evaluate the performance of the  
9           eligible entity in carrying out the activities pro-  
10          vided through a project under this subsection.  
11          Each performance measure shall be designed to  
12          enable the eligible entity to meet the perform-  
13          ance goals described in subparagraph (A) and  
14          shall include an indicator of performance, which  
15          may include—

16               “(i) the number of incumbent and dis-  
17               located workers, and unemployed individ-  
18               uals, receiving a covered credential for ad-  
19               vanced manufacturing;

20               “(ii) the number of incumbent and  
21               dislocated workers, and unemployed indi-  
22               viduals, attaining basic skills, as described  
23               in a covered skill set for advanced manu-  
24               facturing;

1           “(iii) the number of incumbent work-  
2           ers whose education and training, provided  
3           through a project, enables them to meet  
4           the needs of their employers for skilled  
5           workers to enhance operations;

6           “(iv) the earnings growth of a manu-  
7           facturer as a result of education and train-  
8           ing provided through a project; and

9           “(v) another indicator the Secretary  
10          determines to be necessary to meet per-  
11          formance goals described in subparagraph  
12          (A).

13          “(6) EVALUATION.—Beginning not later than 1  
14          year after the date of the first disbursement of  
15          funds under this subsection, the Secretary shall pro-  
16          vide for the continuing evaluation of the projects de-  
17          scribed in this subsection and funded under section  
18          172, and shall transmit a report of the evaluation to  
19          Congress not later than 2 years after such date.

20          “(7) DEFINITION.—In this subsection:

21                 “(A) COVERED CREDENTIAL.—The term  
22                 ‘covered credential’ means—

23                         “(i) an industry-recognized and na-  
24                         tionally portable credential, such as an  
25                         educational certificate or degree, an occu-

1           pational license, an industry-sponsored cer-  
2           tificate or certification, and a registered  
3           apprenticeship certificate or degree; or

4           “(ii) an employer-recognized creden-  
5           tial.

6           “(B) COVERED SKILL SET.—The term  
7           ‘covered skill set’ means an industry-recognized  
8           or employer-recognized skill set.”; and

9           (2) in subsection (b)(1), by inserting after the  
10          first sentence the following: “The plan shall describe  
11          the projects described in subsection (d), to be car-  
12          ried out in accordance with that subsection.”.

13 **SEC. 3. EFFECTIVE DATE.**

14          The amendments made by this Act shall take effect  
15 as if enacted as part of the Workforce Innovation and Op-  
16 portunity Act (29 U.S.C. 3101 et seq.).

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